

FULBRIGHT & JAWORSKI, L.L.P.
Attny Docket:414.036CIP/09908722
Tyventor(s): Arthur DOSKOW, et al
rial No.: 09/781,922
Atte Filed: February 5, 2001
Title: Method and Apparatus for In Context...
Sheet 3 of 15



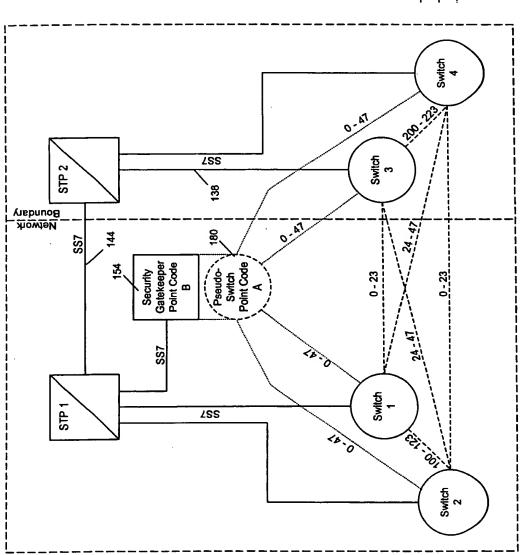
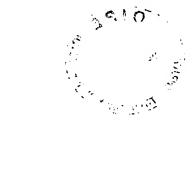


Figure 3

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Sheet 4 of 15



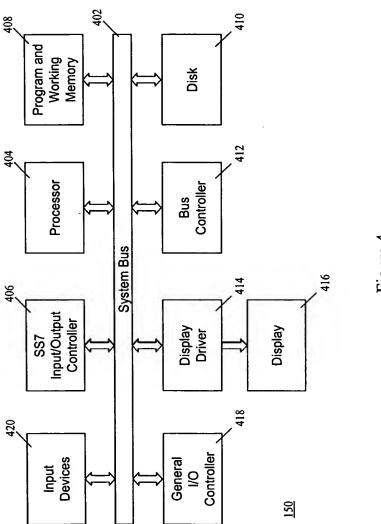


Figure 4

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Sheet 5 of 15

SUP MTP-L3 MTP-L2 MTP-L1 TCAP/ASP OMAP SCCP TCAP/ASP TCAP

Data Link

Network

Physical

Application Service Part (Connection Oriented Protocols Legend

Operations, Maintenance, Application Part Message Transfer Part (L1, L2 & L3) ASP -MTP -OMAP -SCCP -TCAP -

Transaction Capability Application Part Signaling Connection Control Part

Figure 5

Presentation Application

Session

Transport

os-

SS7 Protocol

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Sheet 6 of 15

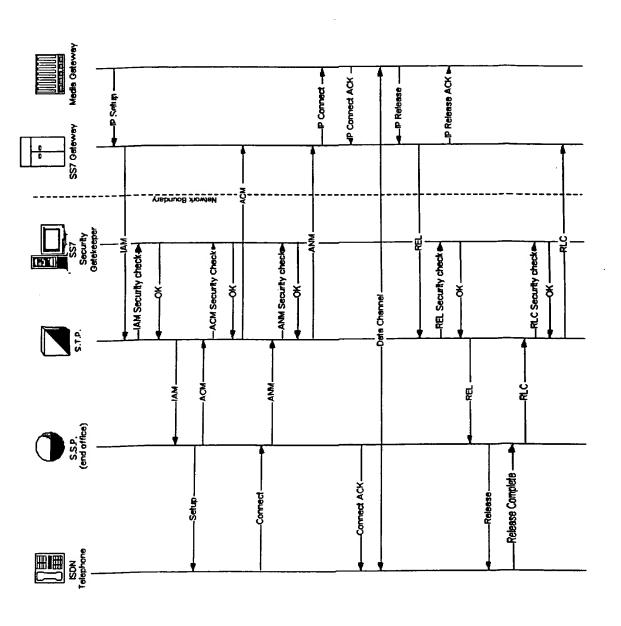
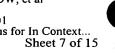


Figure 6

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Sheet 7 of 15





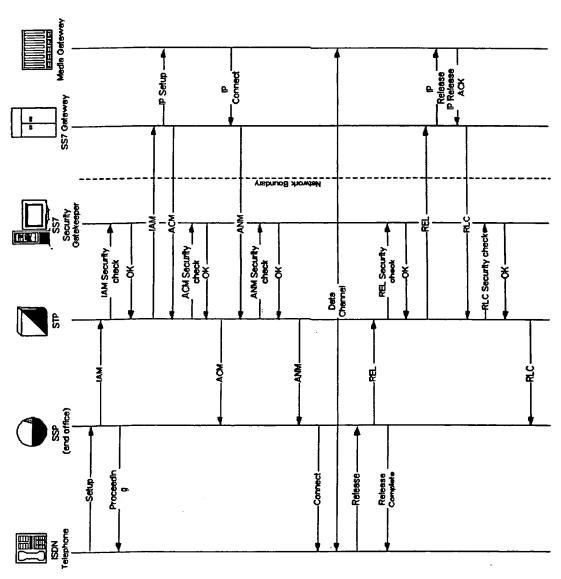


Figure 7

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Sheet 8 of 15

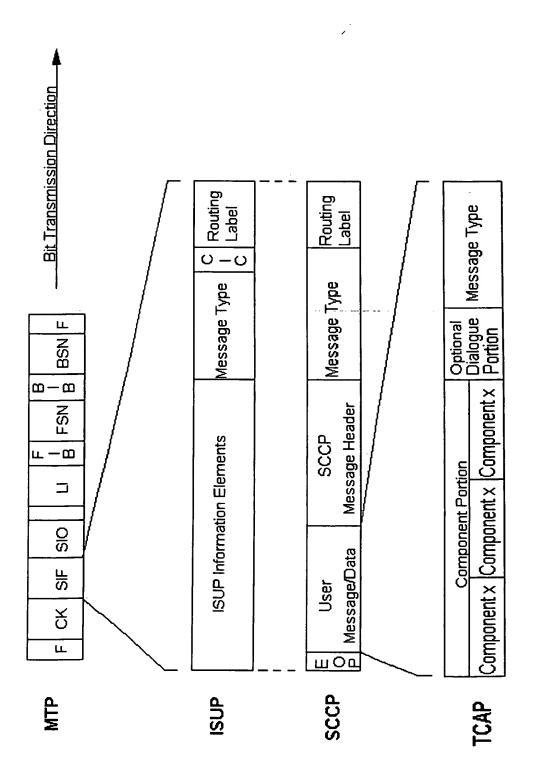


Figure 8

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Sheet 9 of 15



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			_	60	S	4	m	2	-
Flag	⋖	0	-	-	-	-	-	-	0
Forward sequence Information	æ	SSN BB BB		Back	wardS	Backward Sequence Number	N es	per	
Backward Sequence Information	U	NS'R BE		Ę	and Se	Forward Sequence Number	Nemt e	je je	
Message langth Indicator	٥	ઝ	Spare		Leng	Length Indicator	ator		
Service Information	w	National Network Opt.	National twork Opt.	≥ ₹	Mess		S)	MTP User Part (ISUP)	٠
•									
					Q q	Destination Point Code			
Onesident Labor	— u								
	L —			:					
					₽8	Origination Point Code	c <u>o</u>		
1				Signe	allng Lir	Signaling Link Selection	E G		
מ	၅			Circuit	ldentifi	Circuit identification Code	Code		
Message Type	I				Messa	Меѕѕаде Туре			
ISUP Information Element	-			Σ	Up Pan	SUP Parameters	μ		
Check Bits	7				유 왕				

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Sheet 10 of 15

Security Context Length Indicator Parameter Security Context Parameter Value Security Context

Length Indicator Parameter

Parameter Content

Name of ISUP Parameter

Figure 11

Security Context Values

Length Indicator Parameter

Parameter Content

Figure 10

Name of ISUP Parameter

Not used. Data Encryption Algorithm Integrity Check Message Code Authentication	Sequence, I imestamp and identification
	uo

Figure 12

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Sheet 11 of 15



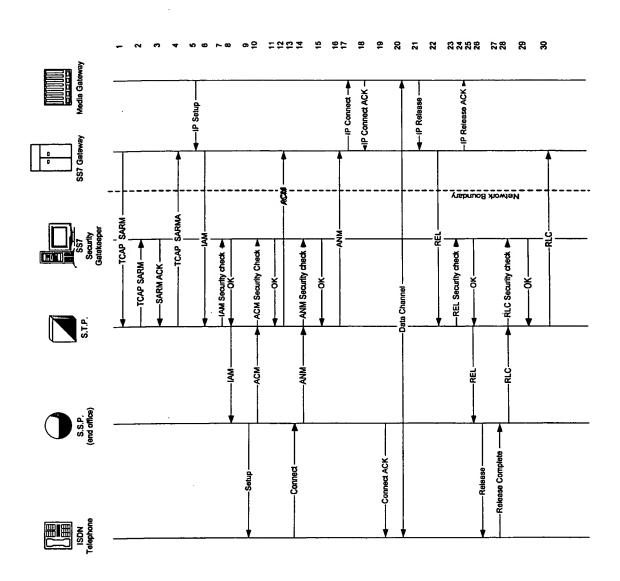


Figure 13

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Sheet 12 of 15



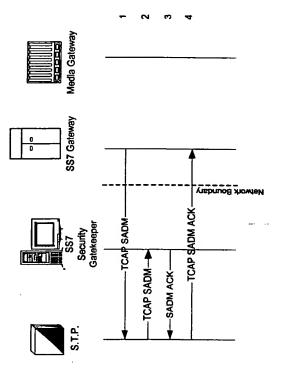


Figure 14





Backward Call Indicator Bits H..A

Message Type = 6

Backward Call Indicator Bits P..I

Offset to Start of Optional Part Optional Parameter Code

CIC High-Order 6-bits

spare 2-bits

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Sheet 13 of 15

Initial Address Message

Address Complete Message

SIO and Routing Label CIC Low-Order Octet

Side I pariting I pag OIS	Г
sold acted and 1010	Т
2-bits CIC High-Order 6-bits	T^-
Message Type = 1	Γ
Nature of Connection Indicators	
Forward Call Indicator Bits HA	
Forward Call Indicator Bits PI	
Calling Party Category	
Offset of 1st Mandatory Var. Parameter	
Offset of 2nd Mandatory Var. Parameter	
Offset of Start of Operational Part	
Length Indicator of User Service Info	Ī
User Service Information No. of Octets = Length Indicator Value	
Length Indicator of Called Party No.	
Called Party Number No. of Octets = Length Indicator Value	

No. of Octets = Length Indicator Value End of Optional Parameters Indicator

Optional Parameter

Optional Parameter Length Indicator



No. of Octets = Length Indicator Value

Optional Parameter

Optional Parameter Length Indicator Optional Parameter Code

End of Optional Parameters Indicator



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Sheet 14 of 15

Answer Message

SIO and Routing Label

Release Complete Message

SIO and Routing Label	CIC Low-Order Octet	CIC High-Order 6-bits	Message Type = 16
		2-bits spare	

Fig 18

